

## **NCDOT Prioritization 3.0 Project Summary**

Cost to NCDOT: \$12,504,000

SPOT ID: H140354 Mode: Highway Status: Submitted

## **US-70 (Hwy 70)**

From/Cross Street: 5th Street Specific Improvement Type: 1 - Widen Existing Roadway

To: Kitchin Street Project Category: Regional Impact

Length: 1.08 TIP#:

Fully Funded in Draft STIP? No

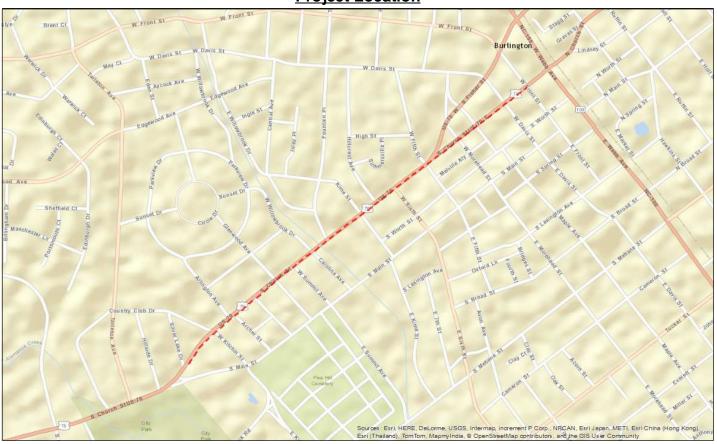
Description:

Widen lanes and add center turn lane

**Division(s):** Division 7 **County(s):** ALAMANCE

MPOS(s)/RPO(s): Burlington Graham MPO

## **Project Location**



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Statewide Mobil	lity Total	Score:	0
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Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

**Regional Impact Total Score: 33.31** 

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%)  Totals: Weight: 70% Weighted Score	10.19 33.07 88.73 0.62	Percent: 15% Points: 0	Percent: 15% Points: 100

## **Division Needs Total Score: 15.61**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%)  Totals: Weight: 50% Weighted Score	33.07 88.73 0.62 e: <b>15.61</b>	Percent: 25% Points: 0	Percent: 25% Points: 0

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### **Project Data** \*

### **Existing Conditions**

#### Existing Cross-Section: 42 Speed Limit: 1.08 Length (miles); Arterial Facility Type: Access Control: None Functional Classification: Other Principal Arterial Rolling Terrain Type: Lane Width: 12 Paved Shoulder Width: Roadway has Curb & Gutter? Yes Volume (AADT): 15291.87 34035.18 Capacity: Volume/Capacity Ratio: 0.45 95% % Autos: % Trucks: 5% Truck Volume: 739.46 Crash Density: 99.81 66.58 Crash Severity: Critical Crash Rate: 99.81 0 Crash Frequency: 0 Severity Index: 2 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 19 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 97 Actual Congested Speed: 28 Travel Time Index: 1.61

#### **Project Benefits**

4F - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
45
1.08
Arterial
Partial
Other Principal Arterial
Rolling
12
4
310049.62
295056.78
14992.84
No
No
No
Burlington Graham MPO

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<sup>\*</sup> Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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## **Project Ownership**

### **Division**

Division	Percent	Regional Impact	Division Needs
Division 7	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

### MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Burlington Graham MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

# **Project Cost and Source**

Construction Cost:	\$7,630,000	Cost Estimation Tool
Right-of-Way Cost:	\$4,352,000	Cost Estimation Tool
Utilities Cost:	\$522,000	Cost Estimation Tool
Total Project Cost:	\$12,504,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$12,504,000	

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